

**Material Safety Data Sheet**

May be used to comply with  
OSHA's Hazard Communication Standard.  
29 CFR 1910.1200. Standard must be  
consulted for specific requirements.

**U.S. Department of Labor**

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 12180072

**IDENTITY (As Used on Label and List)****Clean-Rite® Citrus Cleaner**

Note: Blank spaces are not permitted. If any item is not  
applicable or no information is available, the space must be  
marked to indicate that.

**Section I - Manufacturer**

Manufacturer's Name <b>AIKEN CHEMICAL COMPANY</b>	Emergency Telephone Number <b>1-800-922-1117; (864) 765-7359</b>	
Address (Number, Street, City, State and Zip Code) <b>P. O. Box 1904</b>	Telephone Number for Information <b>(864) 968-1250; 1-800-828-1860</b>	
<b>Greenville, SC 29602</b>	Date Prepared: <b>June 4, 2002</b>	Revision # <b>New</b>
<b>12 Shelter Dr., Greer, SC 29650</b>	Signature of Preparer (optional)	

**Section II - Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	OTHER LIMITS	%
<b>2-Butoxyethanol CAS # 111-76-2</b>	<b>25ppm-</b>	<b>25ppm-</b>		
<b>NFPA HMIS</b>	<b>Skin</b>	<b>Skin</b>		
<b>1-0-0 1-0-0-B</b>				

All the ingredients of this product are listed on the TSCA inventory.

**Section III - Physical/Chemical Characteristics**

Boiling Point	<b>&gt;200° F</b>	Specific Gravity (H <sub>2</sub> O - 1)	<b>1.002</b>
Vapor Pressure (mm Hg.)	<b>ND</b>	Melting Point	<b>ND</b>
Vapor Density (AIR=1)	<b>ND</b>	Evaporation Rate (Butyl Acetate=1)	<b>ND</b>
Solubility in Water <b>Complete</b>		pH	<b>6.5 to 7.5</b>
Appearance and Odor <b>Clear Orange Liquid with a pleasant orange odor.</b>			

**Section IV - Fire and Explosion Hazard Data**

Flash Point (Method Used) <b>&gt; 200 Degrees F PMCC (ASTM- D93)</b>	Flammable Limits <b>Not Determined</b>	LEL <b>ND</b>	UEL <b>ND</b>
Extinguishing Media <b>Water spray, dry chemical, carbon dioxide or chemical foam.</b>			
Special Fire Fighting Procedures <b>Fire fighters should wear SCUBA, and Protective Clothing.</b>			
Unusual Fire and Explosion Hazards <b>May produce Carbon Dioxide, and Carbon Monoxide.</b>			

**Section V - Reactivity Data**

Stability	Unstable		Conditions to Avoid None Known
	Stable	X	
Incompatibility ( <i>Materials to Avoid</i> ) Strong oxidizing agents.			
Hazardous Decomposition or Byproducts Carbon dioxide and carbon monoxide.			
Hazardous Polymerization	May Occur		Conditions to Avoid None Known
	Will Not Occur	X	

**Section VI - Health Hazard Data**

Routes of Entry:	Inhalation?	Eyes?	Skin?	Ingestion?
	Yes	Yes	Yes	Not Likely to Occur
Health Hazards ( <i>Acute and Chronic</i> )				
Prolonged use to unprotected skin may cause defatting & dermatitis.				
Carcinogenicity:	NTP?	LARC Monographs?	OSHA Regulated?	
	No	No	No	
Signs and Symptoms of Exposure:				
SEE SECTION IX				
Medical Conditions				
Generally Aggravated by Exposure:.. Preexisting skin and respiratory problems				
Emergency and First Aid Procedures				
See Section IX				

**Section VII - Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material is Released or Spilled Stop leak at source. Use sand or chemical absorbent & place in suitable container for disposal.	
Waste Disposal Method Dispose of in accordance with all local, state and federal regulations.	
Precautions to Be Taken in Handling and Storing Store below 120 ° F	
Other Precautions: NONE KNOWN	

**Section VIII - Control Measures**

<b>Respiratory Protection (Specify Type)</b> Only if airborne concentrations exceed exposure limits. Then use a NIOSH/ MSA approved mist / organic vapor respirator.		
<b>Ventilation</b>	<b>Local Exhaust</b> Adequate	<b>Special</b> N/A
	<b>Mechanical(General)</b> To reduce exposure limits	<b>Other:</b> N/A
<b>Protective Gloves</b> Chemical Resistant Rubber		<b>Eye Protection</b> Safety glasses with side shields if splash hazard exists.
<b>Other Protective Clothing or Equipment</b> None required		
<b>Work Hygienic Practices</b> Always wash hands after using and before eating or smoking.		

**Section IX - Routes and Effects of Overexposure:**

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**SKIN:**

Repeated exposure to unprotected skin can cause defatting of skin and dermatitis.

**EYES:**

Contact with unprotected eyes can cause moderate to high irritation, tearing, and redness.

**INGESTION:**

Not likely to occur, but if it should may cause mild to moderate burning of the throat, stomach and intestinal tract.

**INHALATION:**

Airborne mist may cause a burning sensation to nasal passages, and throat.

**Emergency and First Aid Procedures:**

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**SKIN:**

Wash with cool running water for at least 15 minutes. If irritation persists seek medical assistance.

**EYES:**

Flush with cool running water for at least 15 minutes lifting upper & lower eyelids to ensure good rinsing. If wearing contact lenses remove before rinsing. If irritation persists seek medical attention.

**INGESTION:**

Not likely to occur, but if it should DO NOT INDUCE VOMITING. Drink 3 – 4 glasses of water. Seek medical attention immediately. Never give anything to an unconscious person.

**INHALATION:**

Remove individual to fresh air. If breathing is difficult administer oxygen and seek medical attention.